

Tikipunga High School Digital Technologies Level One: Course Outline
(24 credits)



Internal					External
Term 1		Term 2		Term 3	Term 4
AS91073 (DT1.43) Implement basic procedures to produce a specified digital media outcome	AS91071 (DT1.41) Implement basic procedures to produce a specified digital information outcome	AS91047 (GT1.4) Undertake development to make a prototype to address a brief	AS91076 (DT1.46) Construct a basic computer program for a specified task	AS91081 (DT1.51) Implement basic procedures for servicing a personal computer system	AS91070 (DT1.40) Demonstrate understanding of basic concepts of information management
4 credits	4 credits	6 credits	3 credits	4 credits	3 credits
<ul style="list-style-type: none"> ▪ Capturing video and still images ▪ Filming techniques ▪ Film making elements ▪ Editing a movie 	<ul style="list-style-type: none"> ▪ File Management Procedures ▪ Design ▪ Formatting ▪ Data Integrity and testing ▪ Legal, Ethical and Moral guidelines 	<ul style="list-style-type: none"> ▪ Selecting tools and components ▪ Applying practical techniques ▪ Prototype trialing ▪ Stakeholder feedback and evaluation ▪ Fitness for purpose 	<ul style="list-style-type: none"> ▪ Implement a programming language ▪ Procedural structures - conditions, actions, control ▪ Document variables, comments ▪ Test and debug 	<ul style="list-style-type: none"> ▪ Install hardware ▪ Configure operating system ▪ Diagnose faults 	<ul style="list-style-type: none"> ▪ Computer systems ▪ Software ▪ Applications ▪ File types ▪ Copyright appropriate levels of use ▪ Ethical issues
Project: Apply Digital media techniques to edit a movie	Project: Apply Digital Information Skills toward a school function	Project: Create a prototype of an educational game	Project: Apply knowledge of Scratch to create a basic game	Project: Apply basic procedures to troubleshoot and build a PC	Project: Digital Information Skill Development
Technological Knowledge: Strand focus: Level 6	Technological Practice: Strand focus: Level 6	Technological Knowledge: Strand focus: Level 6	Technological Knowledge: Strand focus: Level 6	Technological Knowledge: Strand focus: Level 6	Technological Knowledge: Strand focus: Level 6
Technological Products and Technological Systems <ul style="list-style-type: none"> • Implement basic procedures 	Outcome Development and Evaluation <ul style="list-style-type: none"> • Investigate a context 	Technological modelling and products <ul style="list-style-type: none"> • Understand functional models 	Technological systems <ul style="list-style-type: none"> • Understand inputs, controls and outputs 	Technological Systems <ul style="list-style-type: none"> • Implement basic procedures 	Technological Systems: <ul style="list-style-type: none"> ▪ Understanding concepts